$\Delta \vdash^T E$

$$\begin{array}{cccc} & \overline{b \vdash^T b} & \text{T-VAR} \\ \\ & \frac{\Delta_1 \vdash^T T_1 & \Delta_2 \vdash^T T_2}{\Delta_1, \Delta_2 \vdash^T T_1 \odot T_2} & \text{T-PARA} \\ \\ & \frac{\Delta_1 \vdash^T T_1 & \Delta_2 \vdash^T T_2}{\Delta_1, \Delta_2 \vdash^T T_1 \rhd T_2} & \text{T-SEQ} \\ \\ & \frac{\Delta_1 \vdash^T T_1 & \Delta_2 \vdash^T T_2}{\Delta_1, \Delta_2 \vdash^T T_1 \sqcup T_2} & \text{T-CHOICE} \end{array}$$

 $\Theta; \Phi; \Psi \vdash E$

$$\begin{array}{cccc} & & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ & \\ & & \\ & \\ & \\ & & \\$$

$$\frac{\Theta_{1};\Phi_{2};\Psi_{1}\vdash E_{1}\sqcup E_{2}\quad\Theta_{2};\Phi_{1},E_{1},E_{2},\Phi_{3};\Psi_{2}\vdash E_{3}}{\Theta_{1},\Theta_{2};\Phi_{1},\Phi_{2},\Phi_{3};\Psi_{1},\Psi_{2}\vdash E_{3}}\quad E_{-CHOIE}$$

$$\frac{\Theta_{1};\Phi_{1};\Psi_{1}\vdash E_{1}\quad\Theta_{2};\Phi_{2};\Psi_{2}\vdash E_{2}}{\Theta_{1},\Theta_{2};\Phi_{1},\Phi_{2};\Psi_{1},\Psi_{2}\vdash E_{1}\rhd E_{2}}\quad E_{-SEQI}$$

$$\frac{\Theta_{2};\Phi_{1};\Psi_{1}\vdash E_{1}\rhd E_{2}\quad\Theta_{1},E_{1},E_{2},\Theta_{3};\Phi_{2};\Psi_{2}\vdash E_{3}}{\Theta_{1},\Theta_{2},\Theta_{3};\Phi_{1},\Phi_{2};\Psi_{1},\Psi_{2}\vdash E_{3}}\quad E_{-SEQE}$$

$$\frac{\Theta_{2};\Phi_{1};\Psi_{1}\vdash E_{1}\rhd E_{2}\quad\Theta_{1},E_{1},E_{2},\Theta_{3};\Phi_{2};\Psi_{2}\vdash E_{3}}{\Theta_{1},\Theta_{2},\Theta_{3};\Phi_{1},\Phi_{2};\Psi_{1},\Psi_{2}\vdash E_{3}}\quad E_{-SEQE}$$

$$\frac{\Theta_{2};\Phi_{1};\Psi_{1}\vdash E_{1},E_{2},\Phi_{2};\Psi_{1},\Psi_{2}\vdash E_{3}}{\Theta_{1};\Phi_{1},E_{1},E_{2},\Phi_{2};\Psi_{1}\vdash E_{2}}\quad E_{-EXC}$$

$$\frac{\Theta_{2};\Phi_{1},E_{1},E_{2},\Phi_{2};\Psi_{1}\vdash E_{2}}{\Theta_{1};\Phi_{1},E_{1},E_{2},\Phi_{2};\Psi_{1}\vdash E_{2}}\quad E_{-DUP}$$

$$\frac{\Theta_{2};\Phi_{1},E_{1},E_{1},\Phi_{2};\Psi_{1}\vdash E_{2}}{\Theta_{1};\Phi_{1},E_{1},\Phi_{2};\Psi_{1}\vdash E_{2}}\quad E_{-DUP}$$

$$\frac{\Theta_{1};\Phi_{1};\Psi_{1}\vdash E_{1}\multimap E_{2}}{\Theta_{1};\Phi_{1};\Psi_{1}\vdash E_{1}\multimap E_{2}}\quad E_{-DUP}$$

$$\frac{\Theta_{1};\Phi_{1};\Psi_{1}\vdash E_{1}\multimap E_{2}}{\Theta_{1};\Phi_{1};\Psi_{1}\vdash E_{1}\multimap E_{2}}\quad E_{-DUP}$$

$$\frac{\Theta_{1};\Phi_{1};\Psi_{1}\vdash E_{1}\multimap E_{2}}{\Theta_{1};\Phi_{2};\Psi_{1}\vdash E_{1}\multimap E_{3}}\quad E_{-CONT}$$

$$\frac{\Theta_{1};\Phi_{1};\Psi_{1}\vdash E_{1}\multimap E_{2}}{\Theta_{1};\Phi_{2};\Psi_{1}\vdash E_{1}\multimap E_{3}}\quad E_{-DUP}$$

$$\frac{\Theta_{1};\Phi_{1};\Psi_{1}\vdash E_{1}\vdash E_{1}\multimap E_{2}}{\Theta_{1};\Phi_{1};\Psi_{1}\vdash E_{1}\multimap E_{3}}\quad E_{-DUP}$$

$$\frac{\Theta_{1};\Phi_{1};\Psi_{1}\vdash E_{1}\vdash E_{1}\vdash E_{2}\vdash E_{2}\vdash E_{2}\multimap E_{3}}{\Theta_{1};\Psi_{1}\vdash E_{1}\vdash E_{1}\vdash E_{1}\vdash E_{2}\vdash E_{2}\vdash E_{2}\vdash E_{2}}\quad E_{-DUP}$$

$$\frac{\Theta_{1};\Phi_{1};\Psi_{1}\vdash E_{1}\vdash E_{1}\vdash E_{1}\vdash E_{1}\vdash E_{2}\vdash E_{2}$$

Definition rules: 27 good 0 bad Definition rule clauses: 50 good 0 bad